

**UTILITY PATENT  
APPLICATION TRANSMITTAL**(Only for new non-provisional applications  
under 37 CFR 1.53(b))

Attorney Docket No.

001181C

Total Pages

First Named Inventor or Application Identifier

**IJIMA, Tomoo and OHSAWA, Masayuki**

Express Mail Label No.

Check Box, if applicable [ ] Duplicate

**APPLICATION ELEMENTS FOR: MANUFACTURING  
METHOD FOR WIRING CIRCUIT SUBSTRATE**

ADDRESS TO:

Commissioner for Patents  
MAIL STOP BOX PATENT APPLICATIONS  
P.O. Box 1450  
Alexandria, VA. 22313-14501. ☒ Fee Transmittal Form (Incorporated within this form)  
(Submit an original and a duplicate for fee processing)2. ☒ Specification Total Pages **[130]**3. ☒ Drawing(s) (35 USC 113) Total Sheets **[53]**4. ☒ Oath or Declaration Total Pages **[2]**

a. [ ] Newly executed (original)

b. ☒ Copy from prior application (37 CFR 1.63(d)  
(for continuation/divisional with Box 17 completed).i. [ ] Deletion of Inventor(s)Signed statement attached deleting inventor(s) named in prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).5. ☒ Incorporation by reference (useable if box 4b is checked)The entire disclosure of the prior application, from which a copy of the oath or declaration is  
supplied under Box 4b, is considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6. [ ] Microfiche Computer Program (Appendix)

7. [ ] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a. [ ] Computer Readable Copy

b. [ ] Paper Copy (identical to computer copy)

c. [ ] Statement Verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**8. ☒ Assignment Papers (cover sheet and document(s)) to: NORTH CORPORATION, Tokyo, Japan  
has been recorded at Reel 011223, Frame 0859 on October 11, 2000.**Please publish the assignee data with the application.**

9. [ ] 37 CFR 3.73(b) Statement (when there is an assignee)

☒ Power of Attorney17510 U.S. PTO  
10/823611

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10. ☐ English translation Document (if applicable)
11. ☒ Information Disclosure Statement ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
14. ☐ Small Entity Status is claimed.
15. ☒ Claim for Convention Priority ☐ Certified copy of Priority Document
- a. Priority of Japan application no. 11-289277 filed on October 12, 1999, Japan application no. 11-374462 filed on December 28, 1999 and Japan application no. 2000-142658 filed on May 16, 2000 are claimed under 35 USC 119.  
The certified copy has been filed in prior application Serial No. 09/685,799. (For Continuing Applications, if applicable).
16. ☐ Other \_\_\_\_\_
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
- ☐ Continuation ☒ Division ☐ Continuation-in-part (CIP) of prior application no. 10/139,237, filed May 7, 2002, which is a division of prior application Ser. No. 09/685,799, filed October 11, 2000 and issued as US 6,528,874 on March 4, 2003.

FEE TRANSMITTAL The filing fee is calculated below	Number Filed	Number Extra	Rate	Basic Fee \$ 770.00
Total Claims	6 - 20		x \$18.00	
Independent Claims	1 - 3		x \$86.00	
Multiple Dependent Claims			\$290.00	
Filing Fee				\$ 770.00
Reduction by 1/2 for small entity				\$ 385.00
Fee for recording enclosed Assignment			\$40.00	
TOTAL				\$ 385.00

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☒ [XX] A check in the amount of \$ **385.00** is enclosed to cover the filing fee.

☐ [ ] Please charge our Deposit Account No. **01-2340** in the total amount of \_\_\_\_\_ to cover the filing fee and the \_\_\_\_\_ assignment recordation fee. A duplicate of this sheet is attached.

☒ [XX] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. **01-2340**.

**18. CORRESPONDENCE ADDRESS:**

Armstrong, Kratz, Quintos,  
Hanson & Brooks, LLP  
Suite 1000, 1725 K Street, N.W.  
Washington, D. C. 20006  
Tel: (202) 659-2930



**23850**

PATENT TRADEMARK OFFICE

Typed or Printed Name **William G. Kratz, Jr.** Reg. No. **22,631**

Signature

Date: **April 14, 2004**